

**STANDARDS PRESENTATION  
TO  
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

PROPOSED STATE STANDARD,  
TITLE 8, CHAPTER 4

Amend Section 769 as follows:

**§769. Boiler ~~Supports~~ Installation.**

(a) Effective for boiler installation and/or relocation building permits issued on or after November 1, 2002, All boiler supporting structures shall be designed for the following loadings:

- (1) The live and dead load of the boiler as prescribed in the 2001 California Building Code.
- (2) Other imposed loads including those resulting from temperature changes wind, and seismic forces, as prescribed in the 2001 California Building Code.

~~(3) A horizontal seismic force not less than 0.1W, where W is the sum of all live and dead loads at and above the plane or elevation under consideration.~~

~~(b) The stresses used in the design of the supporting structure shall conform to the recommendation of the American Institute of Steel Construction (A.I.S.C.).~~

~~(e)(b)~~ Each member of a structural support shall be so located or insulated that the heat from the boiler cannot warp or impair its strength.

~~(d)(c)~~ The installation of water-tube boilers in battery settings shall be prohibited unless provisions are made at the time of installation to make possible the periodic inspection of the exterior surfaces of all heads installed in the common wall.

~~(e)(d)~~ The installation of horizontal tubular boilers in battery settings shall be prohibited, unless the boilers are suspended by independent outside suspension structures with top crossbeams sufficiently strong to safely carry all the boilers without intermediate supports.

~~(f)(e)~~ Each boiler shall be installed in such a manner that all external surfaces and all appurtenances can be made accessible for inspection, cleaning, maintenance, and operation.

~~(f)~~ Adequate passageways or work areas at least 24 inches wide shall be provided for safe access to and operation of controls. ~~(Title 24, T8-769)~~

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.